

Application No.: 10/083,092

Case No.: 56471US010

Amendments to the Claims:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A protective article comprising:
a backing comprising a terpolymer of tetrafluoroethylene, hexafluoropropylene, and vinylidene fluoride; and
a heat, moisture, or UV light curable thermoset adhesive layer on at least one surface, wherein the at least one surface is unetched, and wherein the curable thermoset adhesive layer that is non-tacky after cure comprises (chloromethyl)oxirane, 4,4'-(1-methylethylidene)bisphenol copolymer, wherein the protective article is bonded to a portion of a surface of a vehicle.

Claims 2 – 4 (Cancelled)

5. (Original) The protective article of claim 1 wherein the curable adhesive layer is curable at ambient temperature.

6. (Cancelled)

7. (Previously Presented) The protective article of claim 1 wherein the curing agent is selected from the group consisting of poly(ether) amines, guanidines, imidazoles, cyclohexylamine, diethylenetriamine, triethylenetetraamine, cyclohexyldiamine, tetramethylpiperamine, N,N-dibutyl-1,3-propane diamine, N,N-diethyl-1,3-propane diamine, 1,2-diamino-2-methyl-propane, 2,3-diamino-2-methylbutane, 2,3-diamino-2-methylpentane, and 2,4-diamino-2,6-dimethyloctane, and combinations thereof.

8. – 11. (Cancelled)

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12. (Previously Presented) The protective article of claim 1 wherein the curing agent is an aliphatic polymer diamine, or 4,7,10-trioxatridecane-1,13-diamine.

13. (Cancelled)

14. (Currently Amended) The protective article of claim 9-1 wherein the substrate is selected from the group consisting of painted surfaces, primed surfaces, metallic surfaces, ceramics, cured and un-cured composite surfaces, fluorinated polymer surfaces, plated surfaces, galvanized surfaces, and combinations thereof.

15. (Currently Amended) The protective article of claim 9-1 wherein the substrate to which it is bonded comprises an aluminum surface.

16. (Currently Amended) The protective article of claim 9-1 wherein the substrate to which it is bonded comprises a fluoropolymer that is not perfluorinated.

17. (Currently Amended) The protective article of claim 9-1 wherein the substrate to which it is bonded comprises a cured resin.

18. - 23. (Cancelled)

24. (Currently Amended) A method of providing an article having a fluorinated polymer surface comprising the steps of:

contacting a surface of the article with a curable adhesive comprising (chloromethyl)oxirane, 4,4'-(1-methylethylidene)bisphenol copolymer and an anti-corrosion additive;

contacting a backing comprising a terpolymer of tetrafluoroethylene, hexafluoropropylene, and vinylidene fluoride with the curable adhesive; and

curing the curable adhesive.

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25. – 30. (Cancelled)

31. (New) A protective article comprising:

a backing comprising a terpolymer of tetrafluoroethylene, hexafluoropropylene, and vinylidene fluoride; and

a heat, moisture, or UV light curable thermoset adhesive layer on at least one surface, wherein the at least one surface is unetched, and wherein the curable thermoset adhesive layer that is non-tacky after cure comprises (chloromethyl)oxirane, 4,4'-(1-methylethylidene)bisphenol copolymer and anti-corrosion additive.

32. (New) A protective article comprising:

a backing comprising a terpolymer of tetrafluoroethylene, hexafluoropropylene, and vinylidene fluoride and having a patterned structure; and

a heat, moisture, or UV light curable thermoset adhesive layer on at least one surface, wherein the at least one surface is unetched, and wherein the curable thermoset adhesive layer that is non-tacky after cure comprises (chloromethyl)oxirane, 4,4'-(1-methylethylidene)bisphenol copolymer.

33. (New) A method of providing an article having a fluorinated polymer surface

comprising the steps of:

contacting a surface of the article with a curable adhesive comprising (chloromethyl)oxirane, 4,4'-(1-methylethylidene)bisphenol copolymer;

contacting a backing having a patterned structure comprising a terpolymer of tetrafluoroethylene, hexafluoropropylene, and vinylidene fluoride with the curable adhesive; and

curing the curable adhesive.